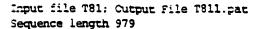
AAGGCCAGTCTGTTTGCCTCCCAAACGCCATCTGACCCAGGTGACCAAGAGG ATG CTG GCG GGG GGC GTG AGG S M P S P L L A C W Q P I L L V 27 AGO ATG CCC AGO CCC CTC CTG GCC TGC TGG CAG CCC ATC CTC CTG CTG GTG CTG GGC TCA V L S G S A T G C P P R C E C S A Q 47 STG CTG TCA GGC TCG GCC ACG GGC TGC CCG CCC CGC TGC GAG TGC TCC GCC CAG GAC CGC AVLCHRKRFVAVPEGIPT 57 GCT GTG CTG TGC CAC CGC AAG CGC TTT GTG GCA GTC CCC GAG GGC ATC CCC ACC GAG ACG 331 R L L D L G K N R I K T L N Q D E F A S 37 CGC CTG CTG GAC CTA GGC AAG AAC CGC ATC AAA ACG CTC AAC CAG GAC GAG TTC GCC AGC 391 FPHLEELNENIVS AVEPG 107 TTC CCG CAC CTG GAG GAG CTG GAG CTC AAC GAG AAC ATC GTG AGC GCC GTG GAG CCC GGC 451 A F N N L F N L R T L G L R S N R L K L 127 GCC TTC AAC AAC CTC TTC AAC CTC CGG ACG CTG GGT CTC CGC AGC AAC CGC CTG AAG CTC I P L G V F T G L S N L T K L D T R E N 147 ATC CCG CTA GGC GTC TTC ACT GGC CTC AGC AAC CTG ACC AAG CTG GAC AGG GAG AAC K I V I L D Y M F Q D L Y N L K S L E AAG ATC GTT ATC CTA CTG GAC TAC ATG TTT CAG GAC CTG TAC AAC CTC AAG TCA CTG GAG V G D N D L V Y I S H R A F S G L N S L 187 STT SGC GAC AAT GAC CTC GTC TAC ATC TCT CAC CGC GCC TTC AGC GGC CTC AAC AGC CTG 591 EQLTLEKCNLTSIPTEALSH 207 SAG CAG CTG ACT CTG GAG AAA TOC AAC CTG ACC TCC ATC CCC ACC GAG GCG CTG TCC CAC 751 I V L R L R 227 H L N INAIR CTG CAC GGC CTC ATC GTC CTG AGG CTC CGG CAC CTC AAC ATC AAT GCC ATC CGG GAC TAC YRLKVLE 247 R L I S H W P Y L D TCC TTC AAG AGG CTG TAC CGA CTC AAG GTC TTG GAG ATC TCC CAC TGG CCC TAC TTG GAC T M T P N C L Y G L N L T S L S I T H C 267 ACC ATG ACA CCC AAC TGC CTC TAC GGC CTC AAC CTG ACG TCC CTG TCC ATC ACA CAC TGC 287 N L T A V P Y L A V R H L V Y L R F L N AAT CTG ACC GCT GTG CCC TAC CTG GCC GTC CGC CAC CTA GTC TAT CTC CGC TTC CTC AAC LSYNPISTIEGSMLHELLRL 307 CTC TCC TAC AAC CCC ATE AGC ACC ATT GAG GGC TCC ATG TTG CAT GAG CTG CTC CGG CTG 1051 327 Q E I Q L V G G Q L A V V E P Y A F R G CAG GAG ATC CAG CTG GTG GGC GGG CAG CTG GCC GTG GTG GAG CCC TAT GCC TTC CGC GGC 1111 LNYLRVLNVSGNQLTTLEES 347 CTC AAC TAC CTG CGC GTG CTC AAT GTC TCT GGC AAC CAG CTG ACC ACA CTG GAG GAA TCA 1171

FIG. 1 (1 of 2)

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GTC	TIC	CYC	TCG	GTG	GGC	AAC	ಯಡ	gag	ACA	cic	ATC	cre	GAC	TCC	AAC	ccs	cic	SCC	TGC	1231
٥	C	3	L	L	W	7	F	Я	R	я	W	R	L	N	F	N	R	Q	Q	387
				•.																1291
5	I	C	A	T	5	Ξ	F	7	3	G	K	E	F	K	ם	F	5	כ	V	407
																				1351
L	L	P	N	Y	F	T	C	R	R	A	R	I	R	D	R	K	A	Q	Q	427
																				1411
Δ γ.	Union. E.	Δ.	Cac	E	G	H	Ţ	v v	Q	F	v	C	R	A	D	G	D	Р	5	447
3.0	111	GIG		CAL	نافات	CAL	ACC	GIG	فللات	TTT	GIG	TGC	CGG	GCC	GAT	GGC	GAC	ccc	CCG	1471
P	A	I	L	W	L	s	P	R	К	н	L	v	s	A	ĸ	s	N	G	R	467
CCC	GCC	ATC	CIC	TGG	crc	TCA	CCC	CGA	AAG	CAC	cic	GTC	TCA	GCC	AAG	AGC	AAT	CCC	CCC	1531
L	T	V	F	P	פ	G	т	L	Ε	v	R	Y	A	Q	v	Q	ם	N	G	487
CIC	ACA	<u>crc</u>	TIC	CCI	GAT	GGC	ACG	crs	GAG	GTG	CGC	TAC	GCC	CAG	GTA	CAG	GAC	AAC	GGC	1591
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v	R	s	Y	s	P	Э	W	P	н	Q	P	N	ĸ	T	F	А	F	I	s	527
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N	C)C	CC.	G	E	G	E	A	N	S	T	R	A	T	v .	5 5	F	P ~~~	F	D	5 <b>47</b> 1771
~~~	<b></b>		<b>GGC</b>		GGA		حدد	AAL	بعد	ALC	نعت	حدد	ACT	GIG	CCT	TIC		TIC	GAC	1//1
I	K	T	L	I	I	A	T	T	M	G	F	I	s	F	L	G	v	v	L	567
ATC	AAG	ACC	cic	ATC	ATC	SCC	ACC	ACC	ATG	GGC	TTC	ATC	TCT	TTC	CIG	GGC	GIC	GIC	CIC	1831
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		C.G	GIG	C10	CIG	TTT	CIC	100	ALSC	فافت	ناف	AAG	نافان	AAC	ACA	AAL	CAC	AAC	AIC	1991
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					M ATG															615 1975
~~	110	~~~	AIG	~~~	AIG	VIV	1 CM													7313
GGC	CCC	3000	3000	CICC	GACC	ccca	3666	3000	3GCA	3CCC	NAGG	GCC.	rccc	ccc	CCT	crc	ACIC	rcca	TCC	2054
TTC	CAC	crec	rece	TACC	CIIC	TACA	CACG	ricn	CPPN	TCC	CIC	ccc	TCC	31CC	cro	TGC	-		AGCC	2133
crc	ACCA	CTG	CCCI	CCIT	CTAC	CAGG	ACCIN	CAGA	AGCC	CAGA	CTG	3GGA(ACCT!	ACAC!	\GGG	GCAT.	GAC	AGAC	2212
TGG	CIT	Taaa	GCCG	ACGA	ACCG	ACAC	SCCC	CAGA	TCA	ATAA?	MCN	ATAA	AAAA	TTAC	GAAC	PPI	TCK	TAAC	TTG	2291
GGT	MCA	ataa:	TAT	OGAT	TTTT.	ATGA	AAAC:	ITGN	AATA	ATAA	NAAA!	AAAA	AAAA	AAA.	3					2351

41 ...



SAATTCSGCAGGAGGCCAGTCCSGTMCGRRGCCSGGTCSGTGGGCAGC ATG GGG GGG TGG CCG L L W G IP R A G G V G L L V L L L G L 25 PRGLS 45 FRPPPALCARPVKE A S P P L A E T G A P R R F R R S V P GGG TOT COG COC TTG GGT GAG ACT GGC GCT CCT CGC CGC TTC CGG CGG TCA GTG CCC CGA 252 G E A A G A V Q E L A R A L A H L L E A GGT GAG GGG GGG GGG GGG GTG CAG GAG CTG GGG GGG GGG GTG GGG CAT CTG GTG GAG GGC 312 ERQERARAEAQEAEDQQ GAA COT CAG GAG COG GCC COG GCC GAG GCG CAG GAG GCT GAG GAT CAG GAG GCG CGC GTC 372 L A Q L L R V W G A P R N S D P A L G L CTG GCG CAG CTG CTG CGC GTC TGG GGC GCC CCC CGC AAC TCT GAT CCG GCT CTG GGC TTG GAC GAC GAC GCC GAC GCC CCT GCA GCG CAG CTC GCT CGC GCT CTC CTC CGC GCC CGC CTT 492 D P A A L A A Q L V P A P V P A A A L R GAC COT GOO GOO CTA GOA GOO CAG CTT GTO COO GOO GOO GOO GOO GOO GOO GTO CGA 552 PRPPVYDDGPAGPDAEEAGD CCC CGG CCC CCG GTC TAC GAC GAC GCC CCC GCG GGC CCG GAT GCT GAG GAG GCA GGC GAC 512 E T P D V D P E L L R Y L L G R I L A G GAG ACA COO GAG GTG GAG COO GAG CTG TTG AGG TAC TTG CTG GGA CGG ATT CTT GCG GGA 672 SEGVAA ₽ RRLRRA 225 V G S E L P P E G V L G A L L R V STG GGC TOT GAG CTG CCC CCT GAG GGC GTG CTG GGG GCG CTG CTG CGT GTG AAA CGC CTA 792 261 ETPAPQVPARRLLPP* 840 GAG ACC CCG GGG CCC CAG GTG CCT GCA CGC CGC CTC TTG CCA CCC TGA GCACTGCCCGATCCCGTGCACCCTGGGACCCAGAAGTGCCCCGGCATCCCGCCACCAGGACTGCTCCCCGCCAGCAC 919

CTCCAGAGCAACTTACCCCGGCCAGCCAGCCCTCTCACCCGAGGATCCCTACCCCTGGC

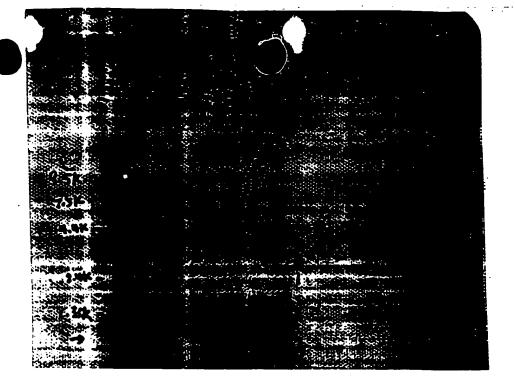
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т79	1 3	MLAGCLLACWQPILLLVLGSVLSGS . ATGCPPRCECSAQDR . 47
D45913	1	: .: .: : . : . : MARLSTGKAAC.QVVLGLLITSLTESSILTSECPQLCVCEIRPWF 44
т79	48	AVLCHRKRFVAVPEGIPTETRLLDLGKNRIKTLNQDEFAS 87
D45913	45	TPQSTYREATTVDCNDLRLTRIPGNLSSDTQVLLLQSNNI84
T 79	88	FPHLEELELNENIVSAVEPGAFNNLFNLRTLGLRSNRLKLIPLGVFTGLS 137
D45913	85	AKTVDELQQLFNLTELDFSQNNFTNIKEVGLANLT 119
T79	138	NLTKLDTRENKIVILLDYMFQDLYNLKSLEVGDNDLVYISHRAFSGLNSL 187
D45913	120	QLTTLHLEENQISEMTDYCLQDLSNLQELYINHNQISTISANAFSGLKNL 169
T 79	188	EQLTLEKCNLTSIPTEALSHLHGLIVLRLRHLNINAIRDYSFKRLYRLKV 237
24 5913	170	LRLHLNSNKLKVIDSRWFDSTPNLEILMIGENPVIGILDMNFRPLSNLRS 219
779	238	LEISHWPYLDTMTPNCLYGLN.LTSLSITHCNLTAVPYLAVRHLVYLRFL 286
045913	220	LVLAG.MYLTDVPGNALVGLDSLESLSFYDNKLIKVPQLALQKVPNLKFL 268
₹ 7 9 *	287	NLSYNPISTIEGSMLHELLRLQEIQLVG.GQLAVVEPY
D 45913	2 69	DLNKNPIHKIQEGDFKNMLRLKELGINNMGELVSVDRYALDNLPELTKLE 318
∰79 ↓□	324	AFRGLNYLRVLNVSGNQLTTLEESVFHSVGNLETLIL 360
⊉ 45913	319	ATMNPKLSYIHRLAFRSVPALESLMLNNNALNAVYQKTVESLPNLREISI 368
T79	361	DSNPLACDCRLLWVFRRRWRLNFNRQQPT.CATPEFVQGKEFKDFPDVLL 409
D45913	3 69	HSNPLRCDCVIHWINSNKTNIRFMEPLSMFCAMPPEYRGQQVKEVLI 415
T79	410	PNYFT.CRRARIRDRKAQQVFVDEGHTVQFVCRADGDPPPAILWLSPRKH 458 .: .
D45913	416	QDSSEQCLPMISHDTFPNHLNMDIGTTLFLDCRAMAEPEPEIYWVTPIGN 465
Т79	459	LVSAKS.NGRLTVFPDGTLEVRYAQVQDNGTYLCIAANAGGNDSMPAHLH 507
D45913		KITVETLSDKYKLSSEGTLEIANIQIEDSGRYTCVAQNVQGADTRVATIK 515
T79	508	V
D45913	516	VNGTLLDGAQVLKIYVKQTESHSILVSWKVNSNVMTSNLKWSSATMKIDN 565

519 PNKTF......AFISNQPGEGEANSTRA 540

T79



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PILVIHDEQKGPEVTSM 19 CC ACG CGT CCG ATC TTG GTC ATC CAC GAT GAA CAG AAG GGG CCG GAA GTG ACC TCC AAT A A L T L R N F C N W Q K Q H N P P S D GCT GCC CTC ACT CTG CGG AAC TTT TGC AAC TGG CAG AAG CAG CAC AAC CCA CCC AGT GAC 119 CGS 59 ILFTRQDL RDAEHYD т а CGG GAT GCA GAG CAC TAT GAC ACA GCA ATT CTT TTC ACC AGA CAG GAC TTG TGT GGG TCC 179 79 Q T C D T L G M A D V G T V C D P S CAG ACA TOT GAT ACT CIT GGG ATG GCT GAT GIT GGA ACT GTG TGT GAT CCG AGC AGA AGC 239 ĒL G 99 C S V I E D D G L Q A A F T T A H TOC TOC GTC ATA GAA GAT GAT GGT TTA CAA GCT GCC TTC ACC ACA GCC CAT GAA TTA GGC H V F N M P H D D A K Q C A S L N G V N CAC GTG TTT AAC ATG CCA CAT GAT GAT GCA AAG CAG TGT GCC AGC CTT AAT GGT GTG AAC Q D S H M M A S M L S N L D H S Q P W S 139 CAG GAT TOO CAC ATG ATG GOG TOA ATG CTT TOO AAC CTG GAC CAC AGC CAG CCT TOG TOT PCSAYMITSFLDNGHGE C 159 CCT TGC AGT GCC TAC ATG ATT ACA TCA TTT CTG GAT AAT GGT CAT GGG GAA TGT TTG ATG 479 D K P Q N P I Q L P G D L P G T S Y D A GAC AAG CCT CAG AAT CCC ATA CAG CTC CCA GGC GAT CTC CCT GGC ACC TCG TAC GAT GCC 539 199 NRQCQFTFGEDSKHCP AME CGG CAG TGC CAG TTT ACA TTT GGG GAG GAC TGC AAA CAC TGC CCT GAT GCA GGC AGC C S T L W C T G T S G G V L V C Q T K 219 ACA TOT AGO ACO TTG TOG TOT ACO GGO ACO TOT GGT GGG GTG CTG GTG TGT CAA ACO AAA SCGEGKWCINGK 239 G T H F P W A D CAC TTC CCG TGG GCG GAT GGC ACC AGC TGT GGA GAA GGG AAA TGG TGT ATC AAC GGC AAG 719 259 CVNKTDRKHFDTPFHG TOT GTG AAC AAA ACC GAC AGA AAG CAT TTT GAT ACG CCT TTT CAT GGA AGC TGG GGA ATG 779 279 W G P W G D C S R T C G G G V Q Y T M R 839 TOG GGG CCT TOG GGA GAC TGT TCG AGA ACG TGC GGT GGA GGA GTC CAG TAC ACG ATG AGG 299 ECDNPVPKNGGKYCEGKRV GAA TOT GAC AAC CCA GTC CCA AAG AAT GGA GGG AAG TAC TOT GAA GGC AAA CGA GTG CGC Y R S C N L E D C P D N N G K T F R E E 959 THE AGA TOO TOT AAC CIT GAG GAC TOT CCA GAC AAT AAT GGA AAA ACC TIT AGA GAG GAA FGSGPA 339 Q C E A H N E F S K A S CAA TOT GAA GCA CAC AAC GAG TIT TCA AAA GCT TCC TIT GGG AGT GGG CCT GCG GTG GAA W I P K Y A G V S P K D R C K L I C Q A 359 TOG ATT CCC AAG TAC GCT GGC GTC TCA CCA AAG GAC AGG TGC AAG CTC ATC TGC CAA GCC 1079 K G I G Y F F V L Q P K V V D G T P C S 379 AAA GGC ATT GGC TAC TTC GTT TTG CAG CCC AAG GTT GTA GAT GGT ACT CCA TGT AGC 1139

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PDSTSVCVQGQCVKAGCDRI 399 CCA GAT TOO ACC TOT GTC TOT GTG CAA GGA CAG TGT GTA AAA GCT GGT TGT GAT CGC ATC 1199 D K C G V C G G N G S T C 419 SKKKF ATA GAC TOO AAA AAG AAG TIT GAT AAA TGT GGT GTT TGC GGG GGA AAT GGA TOT ACT TGT 1259 439 K K I S G S V T S A K P G Y H D I I T I AAA AAA ATA TCA GGA TCA GTT ACT AGT GCA AAA CCT GGA TAT CAT GAT ATC ATC ACA ATT 1319 G A T N I E V K Q R N Q R G S R N N 459 CCA ACT GGA GCC ACC AAC ATC GAA GTG AAA CAG CGG AAC CAG AGG GGA TCC AGG AAC AAT 1379 G S F L A I K A A D G T Y I L N G D Y T 479 OGC AGC TIT CIT GCC ATC AAA GCT GCT GAT GGC ACA TAT ATT CIT AAT GGT GAC TAC ACT 1439 499 LSTLEQDIMYKGVVLRY TTG TCC ACC TTA GAG CAA GAC ATT ATG TAC AAA GGT GTT GTC TTG AGG TAC AGC GGC TCC 1499 519 ALERIRSFSPLKEPLTIQ TOT GOG GOA TTG GAA AGA ATT CGC AGC TTT AGC COT CTC AAA GAG CCC TTG ACC ATC CAG 1559 V L T V G N A L R P K I K Y T Y F V K 539 GTT CTT ACT GTG GGC AAT GCC CTT CGA CCT AAA ATT AAA TAC ACC TAC TTC GTA AAG AAG 1619 PTFSAWVIEEWG K K E S F N A I AAG AAG GAA TOT TTO AAT GOT ATO COO ACT TTT TOA GOA TGG GTC ATT GAA GAG TGG GGC 1679 ECSKTCGKGYKKRSLKCLSH 579 GAA TOT TOT AAG ACC TOT GGG AAG GGT TAC AAA AAA AGA AGC TTG AAG TGT CTG TCC CAT 1739 599 D G G V L S H E S C D P L K K P K H F I GAT GGA GGG GTG TTA TCT CAT GAG AGC TGT GAT CCT TTA AAG AAA CCT AAA CAT TTC ATA 1799 609 D F C T M A E C S 1829 GAC TIT TGC ACA ATG GCA GAA TGC AGT TAA GTGGTTTAAGTGGTGTTAGCTCTGAGGGCAAGTGAGGCAAGGGAAGGGTGGAGGGAAAGCAAGAAGGCTGGAGGG 1908 AAAAGTTAGAACTATTACAACCCCTGTTTCCTGGTACTTATCAAATACTTAGTATCATGGGGGTTGGGAAATGAAAAGT 2224 ACCAGAAAAGTGAGATTTTACTTAAGACCTGTTTTACTTTACCTCACTAACAATGGGGGGAGAAAGGAGTACAAATAGGA 2303 TCTTTGACCACCACTGTTTATGGCTGCTATGGTTTCAGAGAATGTTTATACATTATTTCTACCGAGAATTAAAACTTCA 2382 GATTOTTCAACATGAGAGAAAGGCTCAGCAACGTGAAATAACGCAAATGGCTTCCTCTTTCCTTTTTTGGACCATCTCA 2461 TACCATGTAACCCTCCTTTGGGAATATGGATGTAAAGAAGTAACTTGTGTCTCATGAAAATCAGTACAATCACAAAGG 2698

AGGATGAAACGCCCGGAACAAAAATGAGGTGTGTAGAACAGGGTCCCCACAGGTTTGGGGACATTGAGATCACTTGTCTTG	27 77
TESTESSGAGGCTGCTGAGGGGTAGCAGGTGCATCTCCCAGCAGCTGGTCCAACAGTCGTATCCTGGTGAATGTCTGTTC	2856
ACCTCTTCTGTGAGAATATGATTTTTTCCATATGTATATAGTAAAATATGTTACTATAAATTACATGTACTTTATAAGT	2935
$\tt ATTGGTTTGGGTGTTCCTTCCAAGAAGGACTATAGTTAGT$	3014
ATTTCTAATGAAAAAACTTTTAAATTATATCGCTTTTGGAAGTGCATATAAAATAGAGTATTTATACAATATATGT	30 93
TACTAGAAATAAAGAACACTTTTGGAAAAAAAAAAAAAA	3147

TANGO /1/ADAMTS-1 Comparison (90% Protein Sequence Identity	Y
251 DQSMADFHGSGLKHYLLTLFSVAARFYKHPSIRNSISLVVVKILVIYEEQ 300	
1TRPILVIHDEQ 11	
301 KGPEVTSNAALTLRNFCSWOKOHNSPSDRDPEHYDTAILFTRODLCGSHT 350	
12 KGPEVTSNAALTLRNFCNWQKQHNPPSDRDAEHYDTAILFTRQDLCGSQT 61	
351 CDTLGMADVGTVCDPSRSCSVTEDDGLQAAFTTAHELGHVFNMFHDDAKH 400	
62 CDTLGMADVGTVCDPSRSCSVIEDDGLQAAFTTAHELGHVFNMPHDDAKQ 111 401 CASLNGVSGDSHLMASMLSSLDHSQPWSPCSAYMVTSFLDNGHGECLMDK 450	
451 PONPIKLPSDLPGTLYDANROCOFTFGEESKHCPDAASTCTTLWCTGTSG 500	
. : :	
501 GLLVCQTKHFFWADGTSCGEGKWCVSGKCVNKTEMRHFATFVHGSWGFWG 550	
212 GVLVCQTKHFPWADGTSCGEGKWCINGKCVNKTDRKHFDTPFHGSWGMWG 261	
551 PWGDCSRTCGGGVQYTMRECINPVPKNGGKYCEGKRVRYRSCNIEDCPDN 600	
262 PWGDCSRTCGGGVQYTMRECINPVPKNGGKYCDGKRVRYRSCNLEDCPIN 311	
601 NGKTFREDQCEAHNEFSKASFGNEPIVEWTPKYAGVSPKDRCKLTCEAKG 650	
651 IGYFFVLQPKVVDGTPCSPDSTSVCVQQQCVKAGCDRIIDSKKKFDKCGV 700	
701 CGGNGSTCKKMSGIVTSTRPGYHDIVTIPAGATNIEVKHRNORGSRNNGS 750	
412 CGCWGSTCKKISGSVTSAKPGYHDIITIPTGATNIEVKQRNQRGSRNNGS 461	
751 FLAIRAADGIYILMANFILSTLEQDLTYKGTVLRYSGSSAALERIRSFSP 800	
462 FLAIKAADGTYILNGDYTLSTLEQDIMYKGVVLRYSGSSAALERIRSFSP 511	
801 LKEPLTIQVLMVGHALRPKIKFTYFMKKKTESFNAIPTFSENVIEENGEC 850	
512 LKEPLTIQVLTVGNALRPKIKYTYFVKKKRESFNAIPTFSAWVIEEWGE. 560	
901 WSPCSKTCGKGYKKRTLKCVSHDGGVLSNESCDPLKKPKHYIDFCTLTQC 950	
561 CSKTCGKGYKKRSLKCLSHDGGVLSHESCDPLKKPKHFIDFCTMAEC 607	
951 S* 951 	

gtgo	ccta											s Gl			t ttg s Leu	50
												gat Asp				98
												ttc Phe				146
												acc Thr				194
												aaa Lys 75				242
												tgt Cys				290
												act Thr				338
												tca Ser				386
												aac Asn				434
aag Lys	aac Asn	gga Gly 145	ggg Gly	aag Lys	tac Tyr	tgt Cys	gaa Glu 150	ggc Gly	aaa Lys	cga Arg	gtc Val	cgc Arg 155	tac Tyr	agg Arg	tcc Ser	482
												acg Thr				530
												tcc Ser				578
gag Glu	ccc Pro	act Thr	gta Val	gag Glu 195	tgg Trp	aca Thr	ccc Pro	aag Lys	tac Tyr 200	gcc Ala	ggc Gly	gtc Val	tcg Ser	cca Pro 205	aag Lys	626

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		tgc Cys			-	_				674
		cag Gln 225								722
		gtc Val								770
		gac Asp								818
		tcc Ser								866
		tat Tyr								914
gag		aaa Lys 305							 _	962
		att Ile								1010
		tcc Ser								1058
		agt Ser								1106
		aaa Lys								1154
		ccc Pro 385								1202
		aac Asn								1250

ggg gag tgc tcc aag a Gly Glu Cys Ser Lys T 415 4				
cag tgc aga gac att a Gln Cys Arg Asp Ile A 435		_	Glu Cys Ala L	
gtg aag cca gcc agt a Val Lys Pro Ala Ser T 450	hr Arg Pro (_	
tgg cag gtg ggg gat t Trp Gln Val Gly Asp T 465				
tac aag aag aga acc t Tyr Lys Lys Arg Thr L 480				_
tca aat gag agc tgt g Sel Asn Glu Ser Cys A 496 5				
tto tgc aca ctg aca c Phe Cys Thr Leu Thr G In 515	ag tgc agt (ln Cys Ser	taagaggcgt t	agaggacaa ggt	agcgtgg 1592
ggagggctg atacactgag	tgcaagagta	ctggagggat	ccagtgagtc aa	accagtaa 1652
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cgccaaata attttcagag				
cttatcacaa agattgggaa				
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g¢tggttgct gtggttttac agcttgttca acgtgacaga				
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		gagagaatat	gactgtttcc ata	atgtatat 2552
gtatatagta aaatatgtta	ctatgaattg	gagagaatat catgtacttt	gactgtttcc ata	atgtatat 2552 gtgtctgt 2612
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cctg ccga ccag	ccagccctgc gagggcgcgc ggaccgggcg gaggtgttgt aggaggagac cgaggagggg ggctgggctg															
				atg Met 15												400
				ctg Leu												448
				gag Glu					_	_	_			_		496
cgg Arg				gtg Val												544
				ggc Gly												592
				cca Pro 95												640
gtg Val				gag Glu												688
				cgc Arg												736
ttc Phe	acc Thr 140	ggc Gly	ctc Leu	agc Ser	aac Asn	ttg Leu 145	acc Thr	aag Lys	ctg Leu	gac Asp	atc Ile 150	agt Ser	gag Glu	aac Asn	aag Lys	784
				cta Leu												832
				ggc Gly 175												880

			ctg Leu						-	928
			gag Glu			_				976
		_	ctc Leu 225		_			_		1024
			ctt Leu							1072
			ccc Pro				ac			1110

ctcctggatg tgcgcagccg cagagcgctg ctgctgtgcc taatacccat cgctgcgcac ttgacagcca gtccgcccgt ccggagcccg gctcgttggg gcagc atg gcg ggg tcg Met Ala Gly Ser 1															
ccg ct Pro Le 5			_			_			_			_		_	165
ctg ct Leu Le															213
gtg aa Val Ly												_	_		261
acg ag Thr Se															309
	t gcg y Ala 0														357
	g aga u Arg														405
	g gcg n Ala									_				_	453
2 :	c tcg a Ser														501
gct gc Ala Al															549
ccc ca Pro Gl 15	n Cys														597
gcg ac Ala Th 165										tgag	ggtad	ett (gctag	gggcgg	650
atcctc gtggac gtcaaa	cagg	attt	gggt	CC C	gaggt	gcc	c cc1	tgaga	aacg	tact	gggg	ggc	tctg	ctacgc	770

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